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Aug 10, 1998

DERWENT-ACC-NO: 1998-479259

DERWENT-WEEK: 199917

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TITLE: Organic pre=etch used in metal plating of cyclic olefin polymers - comprising swelling the surface of the polymer by immersion in an organic solvent before acid etching

PRIORITY-DATA: 1998RD-0412058 (July 20, 1998)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> RD 412058 A	August 10, 1998		004	C08J000/00

INT-CL (IPC): C08 J 0/00; C23 C 0/00

ABSTRACTED-PUB-NO: RD 412058A

BASIC-ABSTRACT:

An improvement in a process of metal plating the surface of an object made of a cyclic olefin polymer comprises first immersing the object in an organic solvent which causes swelling at its surface.

USE - In electroless metal plating of cyclic olefin polymers.

ADVANTAGE - Swelling the polymer before acid etching improves the efficiency and uniformity of etching. Strong organic solvents may develop sufficient microporosity to allow the acid etching step before plating to be eliminated.

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